

REMARKS

The Applicants note with appreciation the Examiner's detailed comments in the Advisory Action dated April 4, 2006.

The Applicants submit this Supplemental Amendment that assumes entry into the official file of the Amendment dated March 10, 2006 and received in the PTO on March 13, 2006. The Applicants have removed the following language from Claim 19: "or a fragment that will hybridize under high stringency conditions to a reference nucleic acid molecule that is precisely complementary to nucleotides 56-117 of SEQ. ID NO:55" and "or a fragment that will hybridize under high stringency conditions to a reference nucleic acid molecule that is precisely complementary to nucleotides 1-11 of SEQ. ID NO:55." Similarly, the Applicants have amended Claim 57 to remove the following language: "or a fragment that will hybridize under high stringency conditions to a reference nucleic acid molecule that is precisely complementary to between 8 and 25 sequential nucleotides of nucleotides 1-25 of SEQ. ID NO:55."

The Applicants respectfully request that the above two amendments be entered into the official file inasmuch as they directly address the remaining rejection of Claims 19, 22, 25, 37 and 57. The Applicants respectfully submit that removal of the above cited language now places those claims into condition for allowance along with Claims 1, 5, 6, 10, 14-18, 20, 21, 23, 24, 26-36 and 38-56.

In the event that any minor issues should remain, the Applicants respectfully request the opportunity to discuss such minor matters with the Examiner at her convenience.

In light of the foregoing, the Applicants respectfully submit that the entire Application is now in condition for allowance which is respectfully requested.

Respectfully submitted,



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